

COMMUNICATION DEVICEABSTRACT OF THE DISCLOSURE

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A communication device able to reliably find a frequency and able to reliably establish synchronization of frequency even if an oscillation frequency of an oscillator changes and able to continuously hold synchronization of a carrier, wherein an acquisition unit uses a certain timewise stable area for a frequency search of a satellite so as to reliably find the frequency of the satellite, receives a frequency change of a reference signal from a control unit, performs a frequency search of the satellite at the frequency before the frequency change of the reference signal after the frequency change of the reference signal, uses two or more clock stable areas for the frequency search of the satellite to thereby make it possible to perform the frequency search of the satellite over a long time, and transmits a change to a tracking unit to establish synchronization of the frequency of the satellite where the frequency of the reference signal changes after the frequency search of the satellite.

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